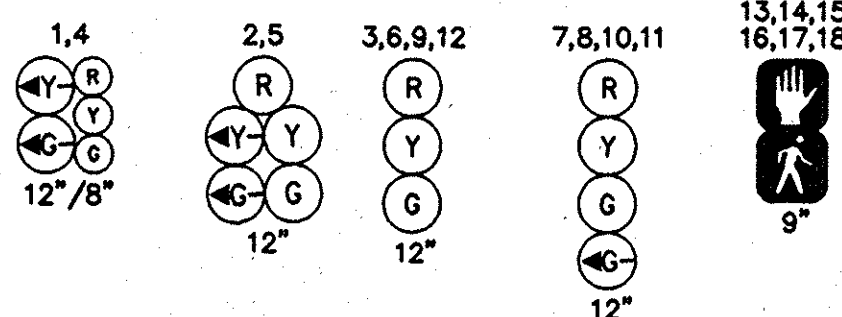
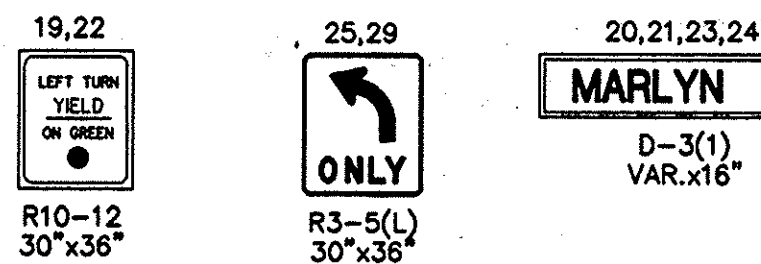


MD ROUTE 150 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

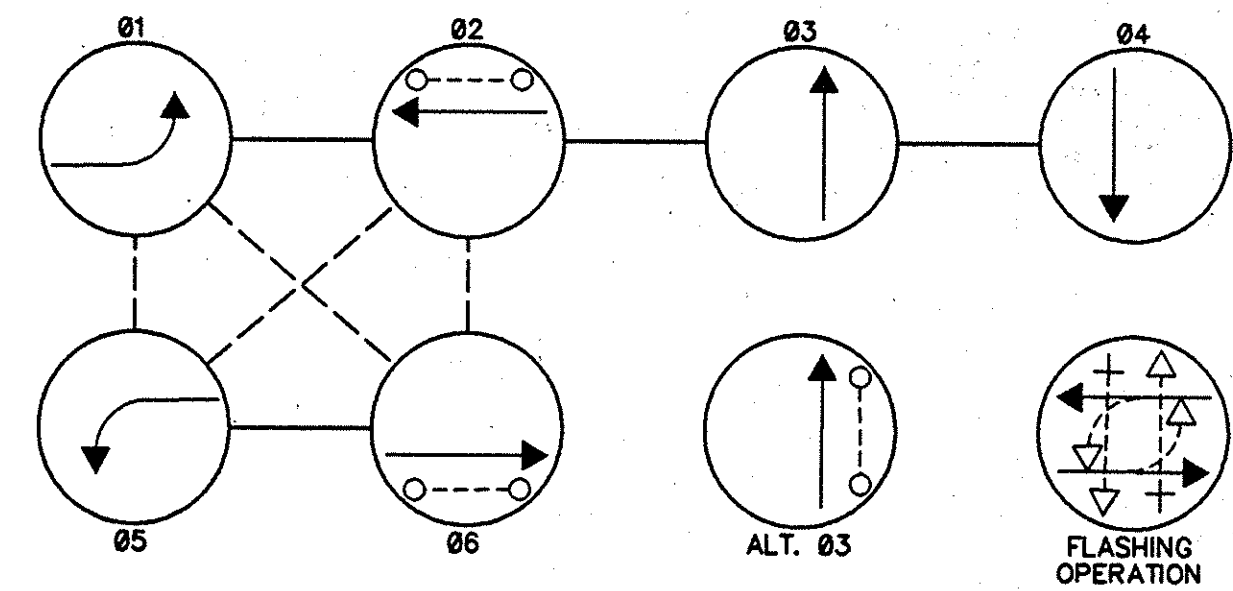
SIGNALS



SIGNS



NEMA PHASING



- PHASING NOTES:**
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

OVERHEAD INTERCONNECT
(SEE INTERCONNECT PLAN)

MD 150 (EASTERN BOULEVARD)

CONSTRUCTION DETAILS

- INSTALL 27' STEEL POLE WITH A 60' MAST ARM, 20' STREET LIGHTING ARM, 250 WATT H.P.S. LUMINAIRE, TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTONS, SIGN AND CONCRETE FOUNDATION (NOTE: 2-2" P.V.C. 90-DEGREE BEND).
- INSTALL 27' STEEL POLE WITH A 48' MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL, SIGNS AND CONCRETE FOUNDATION (NOTE: 1-2" P.V.C. 90-DEGREE BEND).
- INSTALL 27' STEEL POLE WITH A 38' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, SIGN AND CONCRETE FOUNDATION (NOTE: 1-2" P.V.C. 90-DEGREE BEND).
- INSTALL BASE MOUNTED CABINET, SIZE #6 AND MASTER AND LOCAL CONTROLLER, CONCRETE FOUNDATION, GROUND ROD AND ALL NECESSARY EQUIPMENT FOR AN ELECTRICAL SERVICE (NOTE: 2-4" P.V.C. 90-DEGREE BEND, 2-2" P.V.C. 90-DEGREE BEND).
- INSTALL HANDHOLE.
- INSTALL 1" LIQUID TIGHT NON-METALLIC FLEXIBLE CONDUIT SLEEVE FOR DETECTOR WIRING.
- INSTALL 2" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 3" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (SLOTTED).
- INSTALL 4" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 6'x30' LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (3-6-3) QUADRUPOLE TYPE.
- INSTALL MICRO LOOP TRIPLE PROBE SET.
- INSTALL SAWCUT.
- INSTALL 24" SOLID WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR STOP LINE.
- INSTALL 2" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (SLOTTED).
- REMOVE EXISTING STEEL POLE, MAST ARMS SIGNAL HEADS, SIGNS, AND FOUNDATION.
- DELETE.
- REMOVE EXISTING HANDHOLE.
- ABANDON EXISTING LOOP DETECTOR.
- INSTALL 6'x6' LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (4 TURNS).
- DELETE.
- DELETE.
- REMOVE EXISTING CABINET CONTROLLERS.
- DELETE.
- INSTALL 12" SOLID WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR CROSSWALK.
- DELETE.
- INSTALL 27' STEEL POLE WITH A 48' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, SIGN AND CONCRETE FOUNDATION (NOTE: 1-2" P.V.C. 90-DEGREE BEND).

UTILITY LEGEND

— G —	— G —	GAS MAIN
— W —	— W —	WATER MAIN
— S —	— S —	SEWER MAIN
— SD —	— SD —	STORM DRAIN
— TV —	— TV —	CABLE TELEVISION
— E —	— E —	ELECTRIC CABLES
— T —	— T —	TELEPHONE CABLES
— A —	— A —	AERIAL CABLES



A/E GROUP, INC.
ENGINEERS • PLANNERS
181 E. Main Street
Westminster, Maryland 21157
A/E Job No. 98-367-002

REVISIONS

APPROVALS

CHEF, DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 150 (EASTERN BOULEVARD) AND
MARLYN AVENUE**

LOG M.L. 03015003,88

DRAWN BY: WRS

CHECK BY: CRM

SCALE: 1"=20'

F.A.P. NO.

S.H.A. NO.

COUNTY

BALTIMORE

DATE: FEBRUARY 09, 1999

PLAN

TS NO.:

3017C

SHEET NO.

28 OF 42